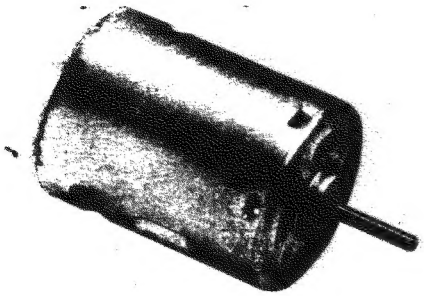
HC315MG

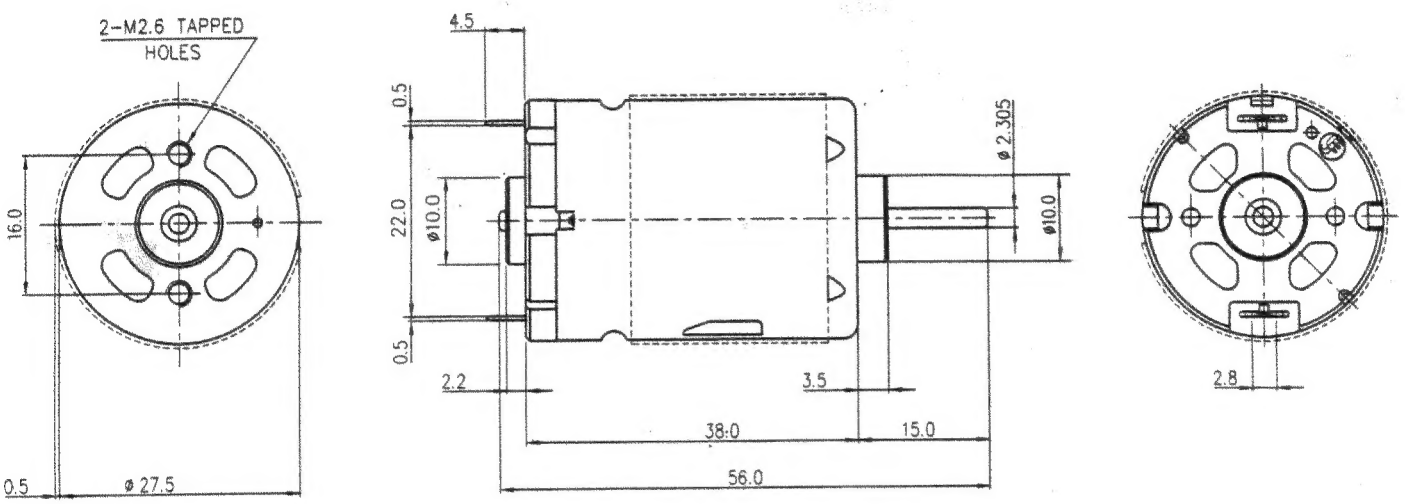


JOHNSON P.M.D.C. MOTORS

Typical Applications

In Automobiles	: Warning Lamp (Spot Light)
In Personal Care and Use	: Hair Dryer
In Business Equipment and Multimedia	: Gear Box Products, Pencil Sharpener
In Home Appliance	: Vacuum Cleaner, Water Pump

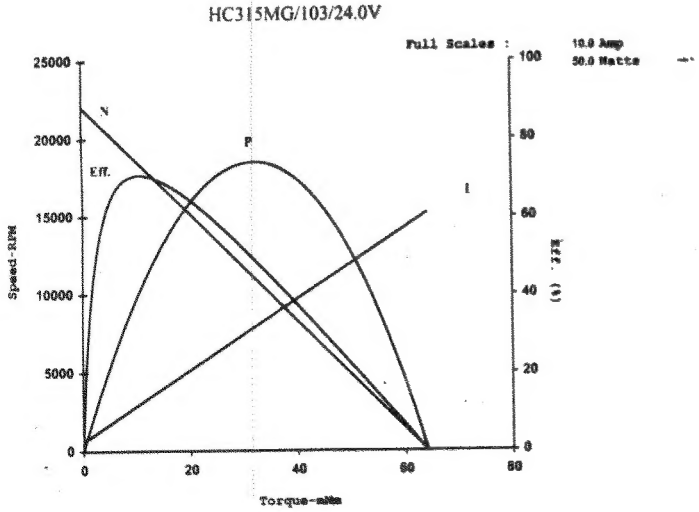
All DIMS. IN MM



Some Windings

MODEL NO	Nominal Voltage	Electrical Performance													Motor Characteristics			
		No Load		At Max. Eff. Pt.					At Max. Output Power				At Stall		K_T	K_E	R	Regulation
	V	Current A	Speed RPM	Current A	Speed RPM	Torque mNm	Power W	Eff. %	Current A	Speed RPM	Torque mNm	Power W	Current A	Torque mNm	mNm/A	mV/rad/s	Ω	RPM/mNm
HC315MG/101	24.0	0.025	3960	0.09	3130	3.53	1.15	52	0.19	1980	8.40	1.74	0.35	16.8	52.43	52.43	69.46	235
HC315MG/102	36.0	0.14	21600	0.75	18200	10.3	19.6	72	2.05	10800	32.1	36.4	3.95	64.3	16.88	16.88	9.11	337
HC315MG/103	24.0	0.24	22000	1.17	18500	10.3	19.9	71	3.16	11000	32.1	37.0	6.08	64.1	10.97	10.97	3.95	344
HC315MG/104	12.0	0.036	2590	0.10	1910	2.48	0.50	41	0.16	1290	4.77	0.65	0.29	9.53	38.15	38.15	41.97	271
HC315MG/105	12.0	0.067	4580	0.26	3620	4.43	1.68	55	0.51	2290	10.6	2.53	0.96	21.1	23.57	23.57	12.48	217
HC315MG/106	12.0	0.67	27700	3.35	23300	11.6	28.2	70	9.05	13900	36.2	52.5	17.4	72.3	4.32	4.32	0.69	383

HC315MG/103/24.0V



HC315MG/104/12.0V